



COUNCIL:

President: C. Pholpramool
 Past president: J.A. Young
 1st Vice president: S.H. Cheah
 2nd Vice president: K.W. Kim
 Treasurer: P.S.G. Wang
 Secretary: A. Kaneko
 Members: P. Cragg
 M. Fan
 T. Glinsukon
 V.M. Kumar
 A. Moran
 S. Semnanian

FAOPS
NEWSLETTER

Vol. 12 No. 1, May 2005 ISSN 0858-4354 <http://www.faops.org.my>

Minutes of the 11th FAOPS Council Meeting
 JW Marriott Hotel, Seoul, Korea.
 Sunday 3 October, 2004

Present: Professor C. Pholpramool (President), Professor SH Cheah (1st Vice President), Professor KW Kim (2nd Vice President), Professor PSG Wang (Treasurer), Professor A Kaneko (Secretary) and Professor S. Semnanian.

Apologies: Professor V M Kumar, Professor Ming Fan, Professor A. Moran, Professor P. Cragg, and Professor T Glinsukon.

The meeting was called to order at 9:00.

1. The President opened this meeting by thanking participation to those who are present and the local host for local organization of the meeting. All participating members paid silent tribute to the late Professor John Young, the Past President of FAOPS.
2. Approval of minutes of the 10th FAOPS Council Meeting (2002, Kuala Lumpur) with a correction of a mistyping of the name of Professor Fan.

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3. Reports of Officers:
 - The President reported his activity since the last Council meeting.
 - The Treasurer reported on the financial condition of FAOPS and on the due payment by member Societies. It is agreed to update the number of physiologists belonging to each Society.
 - The Secretary reported his activity since the last Council meeting.
4. Publication of abstracts of the 6th FAOPS Congress in Kuala Lumpur in the Asia Pacific Pharmacology Journal. This agenda was proposed by Professor SH Cheah, the Chairman of the Organizing Committee of the 6th Congress. The Council approved this proposal unanimously.
5. The Secretary reported that he distributed the information to all regular and associate members on the the New Zealand International Postgraduate Research Scholarship.
6. The Secretary reported that he received an application for a new membership from Dr. Ting Fei Ho of the National University of Singapore and an e-mail showing a strong interest to become a new member from Dr. Sharaine, the Secretary of Physiological Society of Sri Lanka. Since Singapore does not have a Physiological Society, the Council decided to encourage Dr. Ho to organize his colleagues to a Society to become a FAOPS member society. The Council suggested the Secretary to continue communication with Dr. Sharaine of PSSSL.
7. The President proposed to establish a memorial lectureship named after the late Professor John Young starting from 2006 FAOPS Congress. To this goal he suggested to raise a fund of between US\$10,000 to 15,000, and proposed to establish a fund raising committee. The proposal has been approved unanimously. The President will chair the committee and all Council members and Professor Ito are appointed as the committee members. Call for the donation to this fund will be addressed to Professor Young's friends and students.
8. Since Dr. Thirayudh Glinsukon had moved to a provincial university in the south of Thailand and he lacks of facilities for publishing, the newsletter has not been published since 2002. The President proposed to replace the editor of the FAOPS Newsletter. Dr. Semnianian suggested Professor Motamedi of Iran, a previous FAOPS Council, and the Council decided to invite her as a new editor unanimously. Also it is agreed to ask each member Societies whether they need printed version of the Newsletter. If such need is very slim, FAOPS Newsletter will be published only in an electronic form.
9. The regional workshops held in 2002 and 2003 were reviewed. The Council recognized that all regional Workshops/Symposia were successful and useful, and were conducted by the responsibility of the host Societies. The Council discussed the effectiveness of FAOPS Grant, and decided to continue the support for other few years with stricter criteria for selection.
10. Professor Ki-Wham Kim, the second Vice President, reported on the preparation of the 6th FAOPS Congress, 2006 to be held in Korea. It is strongly recommended to reduce the registration fee to encourage a large delegation from neighboring countries. It is also discussed to set a FAOPS desk at the 2005 IUPS Congress in San Diego.
11. The Council discussed on the host Society for the 7th FAOPS Congress, 2010. It is agreed to continue discussion with FAONS for a possible cooperation of the Congresses of the two Federations.
12. The Council discussed on the establishment of the Nominating Committee for the election of Officers and Councilors for the term starting in 2006. The Council agreed to invite Professor Masao Ito as the chairman of the Nominating Committee.
13. The Secretary proposed to organize "FAOPS Evening" at the IUPS Congress in San Diego. The Council accepted this idea and asked the Secretary to arrange it.
14. Professor Semnianian suggested inviting Physiological Societies of Middle East and Central Asia as members. They include Pakistan, Quatar, UAE, Kuwait, Syria, Turkmenistan, Azerbaijan, Armenia, Jordan and Lebanon. To this goal it is suggested to write an invitation letter to the physiologists in medical universities of these countries.
15. The Council discussed on the FAOPS Website. To strengthen our Website, it is proposed to have our own domain. The first Vice President, Professor Cheah, has been appointed to deal with this issue.
16. Professor Semnianian suggested to have 3D Logo of FAOPS.

The meeting was adjourned at 12:30.

EDITORIAL

Professor F. Motamedi

Dear Colleagues

More than two years has gone since the last of this Newsletter. At the last FAOPS Council meeting in Seoul I was elected as the new editor of FAOPS newsletter which is both a personal honor and a privileged opportunity to serve physiology in Asian – Oceanic region.

I joined the federation as the president of the Iranian Society of Physiology and Pharmacology (ISPP) and served as a council member for 12 years; in addition, I have served as FAOPS vice president for 4 years (1998-2002). My commitment as the editor of FAOPS newsletter is to work together with FAOPS Council member to present the information and to promote the goal of FAOPS bodies.

This issue of the FAOPS newsletter is devoted to promote the 6th FAOPS Congress to be held in Seoul, South Korea, during Oct 15-19, 2006. The Congress is hosted by the Korean Physiology Society. This information is given in pages 4-5. This issue is also dedicated to the minutes of the council meetings (pages 1-2).

One exciting news is that FAOPS has now its own website. Prof. SH. Cheah is responsible for this hard job. You can visit this website at <http://www.faops.org.my>. I would also like to ask those members society who has their own web page to provide a space or link for FAOPS newsletter. According to the FAOPS council the newsletter is majorly printed in electronic format.

Regrettably, last year we have lost two distinguished internationally well known physiologists in our region. The sad death of FAOPS past president professor John Young (See obituary by Anuwat Dinudom and David Cook page 7) who was the first to apply patch clamp and microfluorimetric techniques to the investigation of the mechanisms of ductal ion transport; and Prof. Autar S. Paintal who discovered a number of important sensory receptors including J receptors. (See obituary by his wife Dr. Ashuka Anand page 8).

It would be very hard for me to do the publication without the supports or collaborations from the adhering bodies. So please forward your information on the activities of your society to me at the following address. Readers of the newsletter are encouraged to make comments on the contents and contribute any relevant articles. I wish to acknowledge their support in moving FAOPS forward. By cooperation of Societies and individual members FAOPS will continue to play an active role in its goals.

Looking forward to the activities of the Federation in the future years.

Please send a copy of this newsletter to all physiologists in your association particularly young members, and encourage your members to communicate with the Editor (motamedi@ams.ac.ir). FAOPS newsletter will only be as informative and innovative as the information received from Societies and individual members.

With warm physiological greetings

THE EDITOR

Guideline for academic organization of 2006 FAOPS

1- Composition

Plenary lecture: 3

Memorial lecture: 1

Special lecture: 7

Symposium: 21

Poster session

Workshop

2- Organizing guideline

A. Plenary lecture

Recommended by local organizing committee.

3 lecturers: one from Korea; one from Asia-Oceanian physiologist; one Nobel Prize winner from western country

\$6,000/lecturer (honorarium + round-travel + accommodation)

Registration fee for the lecturers will be exempted.

B. Special lecture

Recommended by member societies.

8 lecturers (including 1 Memorial lecture)

\$3,000/lecturer (honorarium + round-travel + accommodation)

Registration fee for the lecturers will be exempted.

C. Symposium

21 symposia (list and time table are attached)

4 speakers/symposium

120 min for each symposium

1 from western country, 1 from Japan, 1 from Korea, 1 from other member country

\$ 3,000/each symposium will be supported by organizing committee.

Registration fee for the symposiasts will be exempted.

D. Workshop

2 pre-congress workshops (\$5,000/workshop)

3 mini workshops during lunch time every day (supported by sponsors)

Proposed Topics and Korean Organizers for Symposia

Symposium 1: Physiome

Yung E Earm (Department of Physiology and Biophysics, College of Medicine, Seoul National University)

Symposium 2: Stem cell

Shin Yong Moon (Department of Obstetrics & Gynecology, College of Medicine, Seoul National University)

Symposium 3: Pain

Uhtaek Oh (Laboratory of Physiology and Biophysics, College of Pharmacy, Seoul National University)

Symposium 4: Smooth muscle, G-I motility & ICC :

Prof. Suzuki from Nagoya

Symposium 5: Neuroendocrinology/Stress

Kyungjin Kim (School of Biological Sciences, Seoul National University)

Symposium 6: Endocrinology & Reproduction

Suhn Hee Kim (Department of Physiology, Chonbuk National University Medical School)

Symposium 7: Epithelial transport

Min Goo Lee (Department of Pharmacology, Yonsei

University College of Medicine)

Symposium 8: Exocytosis

Japanese scientist (Organized by FAOPS)

Symposia 9 –10: Ion channel

Dr. Inoue (Kyushu University) – TRP channels **and**

Chul-Seung Park (Kwangju Institute of Science and Technology) – K channels

Symposium 11: Synaptic plasticity

Sang Jeong Kim (Seoul National University)

Symposium 12: Heart

Jin Han (Department of Physiology, Inje University College of Medicine)

Symposium 13: Vascular system

Young-Ho Lee (Department of Physiology, Yonsei University College of Medicine)

Symposium 14: Inflammation/ROS

Jihee Lee (Department of Physiology, College of Medicine, Ewha Womans University)

Symposium 15: G-protein / Cell-signaling

Pann-Ghill Suh (Department of Life Science, Pohang

Institute of Science and Technology)

Symposium 16: Ca signaling :

Prof. Iino

Symposium 17: Lipidology

Won-Kyung Ho (Department of Physiology and Biophysics, Seoul National University College of Medicine)

Symposia 18-19: System neuroscience /physiology

Hee-Sup Shin (Korea Institute of Science and Technology, Seoul) *and*

Min-Hwan Chung (Institute of Medical Sciences, School of Medicine, Ajou University)

Symposium 20: Special sense

Chang-Sub Jung (Department of Physics, College of Medicine, The Catholic University of Korea)

Symposium 21: Renal physiology

Ho-Jae Han (Department of Veterinary Physiology, College of Veterinary Medicine, Chonnam National University)

Daily Directory for FAOPS Symposia

	Sun, October 15	Mon, October 16				Tue, October 17				Wed, October 18			
08:30-10:30		Sym. 1	Sym. 2	Sym. 3	Sym. 4	Sym. 8	Sym. 9	Sym. 10	Sym. 11	Sym. 15	Sym. 16	Sym. 17	Sym. 18
10:30-10:50		Coffee Break				Coffee Break				Coffee Break			
10:50-11:50		Special Lec. I	Special Lec. II	Special Lec. III	Special Lec. IV	Special Lec. V	Special Lec. VI	Special Lec. VII	Special Lec. VIII				
11:50-12:50		Lunch				Lunch				Lunch			
12:50-14:20	Registration	Poster Session				Poster Session				Poster Session			
14:20-15:20		Plenary Lecture I				Plenary Lecture II				Plenary Lecture III			
15:20-17:20		Sym. 5	Sym. 6	Sym. 7	Sym. 12	Sym. 13	Sym. 14	Sym. 19	Sym. 20	Sym. 21			
18:00-						Congress Dinner							

News from Societies

News from Australian Physiological Society:

In 2004 the name of the Australian Physiology and Pharmacology Society (APPS) has been changed to the Australian Physiological Society (AuPS).

The office bearers are:

President: Prof. David Adams

National Secretary: Dr. David Saint

Treasurer: Dr. Craig Neylon

Editor: Assoc. Prof. David Davey

Council Members:

Dr. Chen Chen, Dr. Lea Delbridge, Dr.

Suzie Mihailidou, Prof. Don Robertson,

Dr. Dirk Van Helden, Enzo Porrello.

AuPS Website :

<http://www.aups.org.au>

Australian Physiological Society

Scientific Meetings/ABS Scientific

Meeting

Canberra, Australia

Septembre 27-30 , 2005

Contact:

<http://www.aups.org.au/Meetings/200509>

News from Physiological Society of Thailand:

The executive committee of Physiological Society of Thailand (PST) will be changed to those listed below:

President:

Assoc. Prof. Prasong Siriviriyakul, MD.

Registration:

Assoc. Prof. Supatra Lohsiriwat, MD.

Treasurer:

Assist. Prof. Choosri Sribhen, Ph.D.

Executive Committees:

Assoc. Prof. Pipat Cherdungsri

Assoc. Prof. Wilaiwan Khrisanapant, PhD.

Assoc. Prof. Taweeporn Sittiracha, PhD.

Assist. Prof. Roongtawan Supabphol, PhD.

Assist. Prof. Thamolwan Suanarunsawat, PhD.

Secretary General:

Assoc. Prof. Suthiluk Patumraj, PhD.

FAOPS web-Site

Thanks to Professor Cheah Swee Hung from Department of Physiology, Faculty of Medicine University of Malaya, Kuala Lumpur, Malaysia, who has constructed the FAOPS web-page. Please visit the website at the following address:

<http://www.faops.org.my>

OBITUARY: Professor John Atherton Young AO, FAA FRACP (1936-2004), By: Anuwat Dinudom, David I Cook

John Atherton Young was born on 18 April 1936 in Brisbane, Australia. His father William Young was an industrial chemist who rose to become Director General of Secondary Industries in the Queensland public service and his grandfather, Thomas Arthur Atherton, was a famous cattle grazier who in the 1860s pioneered Northern Queensland, Australia. After finishing his primary education in 1953, John won a State Government Open Scholarship to the University of Queensland where he enrolled for Medicine in 1954 and graduated in 1962 with First Class Honors and with the University Medal. After graduation, he started his scientific career at the Kanematsu Institute at Sydney Hospital where he undertook research on amino acid transport in the kidney that led to the award of the Doctorate of Medicine. In 1965, he was awarded a CJ Martin Fellowship from the National Health and Medical Research Council (NHMRC) and took up his Fellowship at Professor Karl Ullrich's Laboratory, the Second Physiological Institute at the Free University, Berlin, where he was introduced to the study of electrolyte secretion in exocrine glands using the then newly developed techniques of micropuncture and microanalysis. With the strong support from Karl Ullrich, John carried on a project that had been begun by Ricardo Martinez which was based on the use of micropuncture techniques to investigate salivary gland function. Within two years, he had completed a detailed description of the functions of the secretory and the absorptive component of rat submandibular glands. In particular, he was able to show that the fluid in the intercalated ducts has a plasma-like composition which did not vary with secretory rate, thus confirming the applicability of the Thaysen two-stage hypothesis to salivary secretion. He also developed, in collaboration with his life-long friend Eberhard Frömter, an *in vivo* duct perfusion technique that permit them to establish that the main excretory duct of rat mandibular glands transports Na^+ and K^+ and that the apical membrane of the duct behaves like a Na^+ -selective electrode.



In 1966, John took up a Senior Lecturer position at the Department of Physiology, the University of Sydney where he founded the Laboratory of Exocrine Physiology and Biophysics. Here he continued his studies on salivary glands physiology and extended his interests to other exocrine glands and the kidney. Over the next 40 years, he was one of the major figures who shaped current theories of salivary gland function. He elucidated the mechanisms by which Na^+ , Cl^- and HCO_3^- are transported in the duct and established that ductal transport is regulated. His laboratory was the first to apply patch-clamp and microfluorimetric techniques to the investigation of the mechanisms of ductal ion transport. John also developed and used *in vitro* perfusion of salivary glands in collaboration with Maynard Case and Ricardo Martinez and together with Arthur Conigrave, Ivana Novak and Matsutaka Murakami used the technique to establish the role of Na^+/H^+ exchangers, $\text{Cl}^-/\text{HCO}_3^-$ exchangers and the $\text{Na}^+/\text{K}^+/\text{2Cl}^-$ cotransporter in electrolyte transport in salivary glands. He published over 130 research papers and a series of authoritative review articles. His joint authorship with Ernst van Lennep of the monograph "The Morphology of Salivary Glands" has earned him a lasting international recognition as a leading figure in salivary gland physiology and epithelial transport.

John Young rose to Associate Professorship in 1972 and was appointed Professor and Head of the Department of Physiology in 1976. He served as Dean of Faculty of Medicine at Sydney in 1989 and Pro-Vice-Chancellor (Health Sciences) in the period 1994-2003. In recognition of his contributions to Medical Sciences, he was awarded a DSc from the University of Queensland in 1975, was elected to Fellowship of the Australasian College of Physicians in 1976 and was elected to Fellowship of the Australian Academy of Sciences in 1986 in which he served as Vice-President and Secretary (Biological). He was awarded an Order of Australia (OA) in 1994 and an Alexander von Humboldt Stiftung Research Professorship in 1998. In addition, he was a Corresponding Member of the German Physiological Society, President of the Federation of Asian and Oceanian Physiological Societies and a member of the Council of the International Union of Physiological Sciences. His achievements were not limited to his service to the scientific community. He had played a leading role within the University of Sydney and within health administration in Australia. In addition, he co-founded and administered the Australian Institute of Archeology at Athens (AIAA).

Although John Young undertook many different tasks during his long career, he was always a dedicated teacher and researcher. Those who had the pleasure of working with him appreciated greatly his openness to new ideas and new techniques, his love of scientific adventure and his remarkable ability to plan, execute and present scientific discoveries with extreme care and accuracy. As a teacher, he helped and supported a long list of young scientists to develop in the field of epithelial transport, many of whom have today become prominent figures. Importantly, he exposed those around him to his scholarly interests in classical art and culture and helped them extend their intellectual horizons beyond the boundary of sciences.

John Atherton Young died on 10 February 2004 after a long illness. He is sadly missed and will be remembered with deep affection and gratitude by his friends and colleagues alike.

OBITUARY: Professor Autar S. Paintal

By: Dr Ashuka Anand (his wife)

Professor Autar S. Paintal, who died in Delhi on December 21st, 2004, was one of the world's most distinguished physiologists who discovered a number of important sensory receptors in the heart, lungs and the gastro-intestinal tract. His most important discovery is considered to be the J receptors, which are stimulated by a rise in the interstitial fluid volume of the lungs. To most physiologists in this field, he was a hero and all those who worked in the cardiopulmonary field, acknowledged being in his debt. They were particularly impressed by the way he carried on the work on the significance of the J receptors to a meaningful physiological interpretation. Besides introducing new techniques that revolutionized sensory physiology, his work on the conduction and block in mammalian nerves gave the electrophysiologists a tool to distinguish between the myelinated and non-myelinated nerve fibres. Although a few of the receptors that he discovered were renamed by others in an attempt to claim it as theirs, he was successful in retrieving back their nomenclature as he advocated that romance and rivalry were conducive to the progress of science. With that, He was born on September 24th, 1925 in Mogok, in Myanmar and evacuated at the age of fourteen to Lahore where he finished school. His beliefs and actions were moulded by the strong socialist views held by his father, a physician in the British Medical Service and a deeply religious mother.



Admission into King George's Medical College, Lucknow was accompanied by financial support from the Burmese Government, whom he was bonded to serve when he graduated in 1948, but eventually exempted from doing so. His student years at Medical College were marked by distinctions, awards and rowing on the river Gomti and he finished off with winning the coveted Hewitt Medal of the college.

With an extraordinary brilliant record behind him, it was not surprising that he gave up a future career in clinical medicine which although would have been lucrative but not satisfying enough for him as he had already evinced a keen interest in research. Always his own person he was able to convince the Rockefeller Fellowship committee to let him take it to work for his Ph.D degree in Edinburgh-this being unprecedented as the fellowship was to be given for going to USA.

Appointed Director of the Vallabhbhai Patel Chest Institute, Delhi University at the age of 39, he gathered together a galaxy of scientists not only from the country but from all over the world. His total commitment to his scientific pursuits led him to establish his laboratory in his office from where he not only administered the Institute but let students, faculty and staff have complete access to him. His hospitality was legendary-brewing tea in the laboratory for his visitors or taking them out bird-watching or rowing on the river Yamuna in the winters or for a swim to his club in the summer- the latter providing an occasion to discuss the experiments conducted just before.

Foremost amongst the receptors discovered by him were the juxtapulmonary capillary or J receptors which are stimulated by a rise in the interstitial fluid volume and increase in pulmonary blood flow (in left heart failure; coronary artery disease; chronic obstructive pulmonary disease). Their stimulation gives to breathlessness and termination of exercise. He described the reflex termination of exercise as one of their most important functions - providing a protective reflex to humans and animals against excessive pulmonary pressures. With A. Anand he showed that these receptors are also stimulated by increased blood flow, as in exercise. Along with his other collaborators - he showed that stimulation of J receptors produced respiratory sensations leading to dry cough. This discovery has assumed significance clinically in patients experiencing dry cough. His work on the conduction and block in mammalian nerves gave the electrophysiologists, a tool to enable them to distinguish between the myelinated and non-myelinated nerve fibres. He was also to demonstrate that the Head's Paradoxical reflex was an artefact. He was only 39 years old when he was invited to write for the Pharmacological Review.

One of the most insightful scientists of the world his contributions came to be described as having opened a new phase in Physiology with the Nobel Laureate Heymans and Eric Neil coining the terms Pre-Paintal era versus Post-Paintal while referring to the impact of his discoveries.

He was famous for his quick-witted humour, his fund of limericks and an ability to carry out calculations on the back of postage stamps if that were the only paper available.

He was elected to the Fellowship of the Royal Society of Edinburgh in 1966, followed by an election to the National Academy of Medical Sciences, the Indian National Science Academy and Royal Society (U.K.). The Physiological Society U.K. and the American Physiological Society were pleased to make him their honorary member, as was the Royal College of Physicians with its fellowship.

He was President of the Indian National Science Academy between the years 1988-89. His outstanding scientific contributions won him several National Awards and Honours and Doctorates of Science (H.C.), with the President of India bestowing on him the honour of the Padma Vibhushan in 1986.

As Director- General of the Indian Council of Medical Research, he made another major contribution in his inimitable way that shook up the complacency of the government and the public and made them aware of the spread of AIDS in India and the urgency of its control

In his own view, his greatest contribution to science in India was the formation of the Society of Scientific Values, which he helped establish and serve as its first President. This was the first of its kind in the world and its main objective amongst others was to promote integrity, objectivity and ethical values in the pursuit of science.

Introducing of Member Societies: Iranian Society of Physiology and Pharmacology (ISPP)

Iranian Society of Physiology and Pharmacology (ISPP) is a national non-profit professional organization committed to the advancement of physiology and pharmacology. Founded in 1968 in Tehran, the Society provides a forum for leadership and exchange of information to stimulate discussion and collaboration among physiologists and pharmacologists active in all aspects of their professions. The ISPP also strives to establish effective communication among researchers and teachers. In addition, the Society conducts periodic symposia and cooperates with other organizations having similar or related interests.

Who Belongs To ISPP?

ISPP members are educated professionals who have a minimum of a Master's degree in physiology, pharmacology and/or related sciences. The diverse membership represents physiology, pharmacology, molecular and cellular biology, biochemistry, genetics, and immunology. **At the first General Meeting in 1969 membership was 25, ISPP currently has 400 members.**

History

Dr. Nematollahi, was the pioneering figure and an outstanding professor in Physiology Department of Tehran University seeking some advice regarding how to found the ISPP in Iran from Professor Heymans, faculty of medicine, Gent University of Belgium in 1956. Professor Geeti was the next pioneer talking to Professor Houssay, the then head of the International Confederation of Physiology (ICP), who grossly outlined how the genesis of ISPP could occur to later join the ICP. It was not until 1967 when Geeti and Nematollahi got their acts together and officially submitted

their request of giving life to the ISPP to the head of the Tehran University. 1968 is marked by the first meeting of the founders of ISPP, when 25 physiologists and pharmacologists gathered in Tehran to agree upon the initial draft of the constitution and bylaws, which finally was approved in 16 articles.

The Physiologists and pharmacologists who were the "leading lights" of the Society during the first 10 years of the Society's history were, particularly: Prof Geeti, Prof Katoozian, Prof Nematollahi, Prof Davachi, Prof Maimandinejad, Prof Izadi, Prof Ataei, Prof Etesami, Dr. Mostashfi, Dr. Saamiraad

What Are Some Objectives of ISPP

1. To provide a powerful, unified forum and opportunity for physiologists and pharmacologists to present and discuss current research in their corresponding disciplines.
2. To promote and encourage the exchange of ideas and information regarding all aspects of physiology and pharmacology.
3. To promote the advancement of teaching and research in physiology and pharmacology within the academic environment.
4. To encourage and implement graduate programs to meet the diverse interests and career opportunities in physiology and pharmacology, regardless of age, gender, race or disability.
5. To promote the development and exchange of scientific information between ISPP and other professional organizations with an interest in physiology and pharmacology.
6. To set the agenda, determine the direction, and make the decisions about the future of the physiology and pharmacology profession.
7. To expand governmental and private funding of physiology and pharmacology research and training.

Administration

The ISPP is administered through the General Assembly and the Executive Board.

General Assembly

The General Assembly is called at the proposal of the Executive Board or that of at least ten members. The Executive Board is obligated to summon a General Assembly every second year. Proposals to the General Assembly must be presented to the Executive Board at least eight days prior to the General Assembly.

The rights of the General Assembly are the following:

- Election of the Executive Board
- Determination of the amount of the membership dues
- Approval of the balance-sheet and dismissal of the Executive Board
- Acceptance of members, application for membership in international scientific associations, exclusion of members
- Dissolution of the Society
- Decisions to hold scientific events.

Executive Board

ISPP is governed by an Executive Board consisting of President, past President, secretary, and 4 Councilors. The Executive Board is elected by the General Assembly for a term of two years. The National headquarters of the Society is based in Tehran. Current executive board is as follow:

President:	Prof. A. Ahmadiani
Past President:	Prof. F. Motamedi
Secretary:	S. Semnianian
Treasurer:	F. Roushanzamir
Members:	Y. fatholahi, M. Janahmadi, S. Zahediasl

The Executive Board may appoint special committees such as Publications, Finance, Membership, and Education Committees as it deems necessary or that are voted by the Society. The Executive Board may name regular members of the Society as representatives to other organizations whenever it deems such action desirable.

Membership

The Society consists of regular, affiliate, student and honorary members. Regular members are those who regularly pay their membership dues. Honorary members are named such by the General Meeting upon suggestion of the Executive Board.

Annual Dues. The annual dues for regular members, affiliate members, and student members shall be determined by the Executive Board and shall be paid. Honorary members shall pay no membership dues.

National Meetings

Meetings are organized every two years hosted by departments of Physiology or Pharmacology in one of the Iranian Universities. Physiology and pharmacology departments of Kerman University of Medical Sciences are going to host the 17th National Physiological and Pharmacological Congress in Oct. 1-4, 2005.

Publication

In year 2000, the Executive Council felt that the Society was financially stable enough for it to publish its own journal, to be called "Physiology and Pharmacology".

International Collaboration

ISPP is a member of International Union of Physiological Sciences (IUPS) and International Union of Pharmacological Sciences (IUPHAR). In addition to be a member of PAOPS, the society has collaborations with national societies like Pakistan Physiological Society.

Meeting calendar

15th International Society of Developmental Biologists Congress "From Egg to Adult: Constructing the Complexity of Life"

Sydney Exhibition & Convention Center,
Sydney, Australia

September 3-7, 2005

Contact:

GPO Box 128,

SYDNEY NSW 2001,

AUSTRALIA,

Tel: 61 2 9248 0800

Fax: 61 2 9248 0894

Email: isdb2005@tourhosts.com.au

Website: <http://www.isdb2005.com/> or
isdb2005@tourhosts.com.au

International Conference on Cognitive Neuroscience ICON9

Havana City, Cuba

September 5-10, 2005

Contact:

Dr Pedro Valdés, Cuban Neuroscience
Center, Ave 25 # 15208, Cubanacan,
Playa, Cuba

Tel: (53 7) 208 4461 / (53 7)208 6375

Fax: (53 7)208 6707

Email: icon9@cneuro.edu.cu

Website: <http://icon9.cigb.edu.cu>

The World Federation of Sleep Research & Sleep Medical Societies (WFSRS) INTERIM MEETING 2005

New Delhi, india

September, 22-26, 2005

Contact:

V. MOHAN KUMAR

(Chair, WFSRS Interim Congress)

Department of Physiology,

All India Institute of Medical Sciences,

Ansari Nagar, New Delhi-110029, INDIA

E-mail: wfsrs2005@rediffmail.com

Website: <http://www.wfsrs.org>

International Symposium: Molecular Anatomy and Physiology of Ribbon Synapses

September 24-25, 2005

Contact:

Max Planck Institute for Experimental
Medicine, Goettingen, Germany

Tobias Moser, Department of
Otolaryngology, University of Goettingen,
Germany

Tel: +49-551-392837/398968

Fax: +49-551-3912950

Email: tmoser@gwdg.de

Website: <http://sfb406.uni-goettingen.de>

37th Annual General Meeting of EBBS (European Brain and Behaviour Society)

Trinity College Dublin, Ireland

September 24-28, 2005

Contact:

Scientific Matters - Prof Shane O'Mara,
Institute of Neuroscience, Trinity College
Dublin, Ireland

Contact Person: All Other Matters - Paulene
McKeeever, Conference Organisers Ltd.,
Clifton House, Lr. Fitzwilliam Street,
Dublin 2, Ireland

Tel: (+353-1) 662 0125

Fax : (+353-1) 662 0126

Email: info@conferenceorganisers.ie

Website: <http://www.ebbs2005.com>

32nd Annual Meeting of the Fetal And Neonatal Physiological Society

Stamford Grand, Glenelg, South Australia

September 25-28, 2005

Contact:

Website: <http://www.fnps-society.org/>

17th Iranian Congress of Physiology and Pharmacology

Kerman, Iran

October 1-4, 2005

Contact:

Bashegah Daneshgah, Kerman University
of Medical Sciences
Modiriat st. Kerman, Iran.
P.O.Box: 76135-1694, Kerman, Iran
Tel: + 98 341 3224612
Fax: + 98 341 3224612
Email: phypha17@phyphacongress.ir
Website: www.phyphacongress.ir

**4th world Congress of Cellular and
Molecular Biology**

Poitiers, France
October 07-12, 2005
Contact :
Service Communication
E-Mail:
com@cmbworldcongress2005.com

**18th Congress of the European College
of Neuropsychopharmacology**

Amsterdam Netherlands
October 22-26, 2005
Contact:
European College of
Neuropsychopharmacology
E-Mail: secretariat@ecnp.nl

**American Society of Nephrology "Renal
Week™ 2005**

Pennsylvania Convention Center,
Philadelphia, Pennsylvania
November 8-13, 2005
Contact:
American Society of Nephrology, 1725 I
Street, NW; Suite 510, Washington
DC 20006
Phone: 202-659-0599
Fax: 202-659-0709
E-Mail: email@asn-online.org

3rd Emirates Neuroscience Conference

Dubai, United Arab Emirates
November 12-15, 2005
Contact:
Dr Javaid Iqbal
Phone: 00-97-142-710-000

Fax: 00-97-142-711-221
E-Mail: jiqbal49@emirates.net.ae

**35th Annual Meeting of the Society for
Neuroscience**

Washington, DC, United States
November 12-December 16, 2005
Contact:
Society for Neuroscience, 11 Dupont Circle,
N.W., Suite 500, Washington DC 20036
Phone: 1-202-462-6688
E-Mail: info@sfn.org

**2nd International Congress on Brain and
Behaviour**

Thessaloniki, Greece
November 17-20, 2005
Contact:
Dr KN Fountoulakis
Phone: 302-310-994-622
Fax: 302-310-266-570
E-Mail: kfount@med.auth.gr

**International Scientific Programme 2005
of the International Society for Molecular
and Cell Biology Protocols and
Researches, Inc. (ISMCBPR)**

Nov. and/ or Dec. 2005
Contact:
e-mail: icmcb2005@yahoo.com

**45th Annual Meeting of The American
Society for Cell Biology (ASCB)**

San Francisco, CA, USA
December 10-14, 2005
Contact:
Conference Secretariat, American Society
for Cell Biology 8120 Woodmont Avenue
Suite 750, 20814- Bethesda, MD
Phone: 1-301-347-9300
Fax: 1-301-347-9310
E-Mail: ascbinfo@ascb.org

**2nd Indian International Conference on
Artificial Intelligence (IICAI-05)**

Pune, India
December 20-22, 2005
Contact:
B. Prasad, Department of Computer and
Information Sciences, Florida A&M
University, Tallahassee, FL 32307, USA
Email: bhanu.prasad@famu.edu
Website: <http://www.iiconference.org/>

**Frontiers of Skeletal Biology - Eleventh
Workshop on Cell Biology of Bone and
Cartilage in Health and Disease**

Davos, Switzerland
March 16-18, 2006
Contact:
Heidi Triet, Office Prof. H. Fleisch,
Effingerstasse 40, CH-3008 Bern Phone:
41-313-899-276
Fax: 41-313-899-284
E-Mail: secretariat@hfleisch.ch

**The 15th IUPHAR World Congress of
Pharmacology (IUPHAR2006)**

Beijing, China
July 2-7, 2006
Contact:
Ms. Samantha Lee, Mr. Yan Shu-Ling
China Consulting Center for Science and
Technology
86, Xue Yuan Nan Rd.
Haidian District,
Beijing 100081, China
Tel: +86 (10) 62184931, 62103318
Fax: +86(10) 62172055, 62184931
E-mail: cccst@126.com,
cccst@iuphar.org
<http://www.chinaconsult.com.cn>
Website: www.iuphar2006.org

**FENS Forum 2006: 5th Forum of
European Neuroscience**

Vienna, Austria
July 8-12, 2006

Contact:
Conference Secretariat, Christiane Riedl,
Div. of Neurochemistry, Dept. of
Psychiatry,
Email: Christiane.Riedl@uibk.ac.at
Website:
<http://fens2006.neurosciences.asso.fr/>

**1st International Congress on Respiratory
Biology**

Bonn, Germany
AUGUST 26-30, 2006
Contact:
Dr. Steven F. Perry,
Email: respirbiol@web.de

**6th Federation of Asian and Oceanian
Physiological Societies (FAOPS) Congress**

Seoul, Korea
October 15-19, 2006
Contact:
Secretariat of the 6th FAOPS #408 Fine
Bldg. 528-4 Shinsa-Dong Kangnam-
Gu, SEOUL, KOREA
Tel: 82-2-3445-2374
Fax: 82-2-3445-2367
e-mail: secretariat@faops2006.org

**The 4th Congress of Federation of
Asian-Oceanian Neuroscience
Societies (FAONS)**

HONG KONG
November 30 - December 2, 2006
Contact:
Prof. W.H. Yung
The Chinese University of Hong Kong
(Department of Physiology)
Tel: +852 2609 6880
Fax: +852 2603 5022
Email: whyung@cuhk.edu.hk